



MIAMI-DADE COUNTY
BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 SW 26th Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/building

NOTICE OF ACCEPTANCE (NOA)

Jeld-Wen, Inc. (OR)
102 Main Street
Pella, IA 50219

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County BNC-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BNC reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Builders 4200" Aluminum Horizontal Sliding Window – N. I.

APPROVAL DOCUMENT: Drawing No. **JW008**, titled "B. A. 4200 H. S. Window", sheets 1 through 6 of 6, dated 04/30/2010 with the latest revision dated 06/24/2011, prepared by CertWorks, LLC, signed and sealed by Alexis Spyrou, P. E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and Approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None.

LIMITATIONS: Miami-Dade County Product Control Approved External Shutters Or Protective Devices Shall Be Required.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/ series and following statement: "Miami-Dade County Product Control Approved" unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1, evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



J. Gascon
7/16/11

NOA No. 10-0810.01
Expiration Date: July 14, 2016
Approval Date: July 14, 2011
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **JW008**, titled "B. A. 4200 H. S. Window", sheets 1 through 6 of 6, dated 04/30/2010 with the latest revision dated 06/24/2011, prepared by CertWorks, LLC, signed and sealed by Alexis Spyrou, P. E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
along with marked-up drawings and installation diagram of "B. A. 4200 H. S." Aluminum Horizontal Sliding Window, prepared by National Certified Testing Laboratories, Inc., Test Reports No.'s **NTCL-210-3656-4**, and **NTCL-210-3656-5**, dated 04/07/2010, both signed and sealed by Gerard J. Ferrara, P. E.

C. CALCULATIONS

1. Anchor structural analysis and verification calculations, complying with FBC-2007, prepared by CertWorks, LLC, dated 06/18/2010, signed, sealed and dated 06/24/2011 by Alexis Spyrou, P. E.
Complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Building and Neighborhood Compliance Department (BNC).

E. MATERIAL CERTIFICATIONS

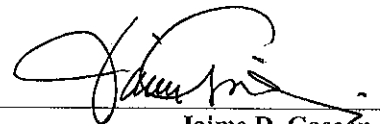
1. None.

F. STATEMENTS

1. Statement letter of conformance, no financial interest and compliance with the FBC-2007, dated 03/07/2011, signed and sealed by Alexis Spyrou, P. E.
2. Laboratory compliance letter for Test Reports No.'s **NTCL-210-3656-4**, and **NTCL-210-3656-5**, issued by National Certified Testing Laboratories, Inc., dated 04/07/2010, signed and sealed by Gerard J. Ferrara, P. E.

G. OTHERS

1. None.



Jaime D. Gascón, P. E.
Product Control Section Supervisor
NOA No. 10-0810.01

Expiration Date: July 14, 2016
Approval Date: July 14, 2011

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE $1/4$ INCH. SHIM WHERE SPACE OF $1/16$ INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- THROUGH FRAME:** FOR INSTALLATION INTO WOOD FRAMING USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE $1 1/2$ INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- THROUGH FRAME:** FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE $3/16$ INCH DIAMETER ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE $1 3/4$ INCH MINIMUM EMBEDMENT.
- THROUGH FRAME:** FOR INSTALLATION INTO STEEL STUD USE 10-16 TEK SCREWS SAE GRADE 5 OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS ENGAGEMENT BEYOND STEEL STRUCTURE.
- NAIL FIN:** FOR INSTALLATION INTO WOOD FRAMING USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE $1 1/2$ INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- NAIL FIN:** FOR INSTALLATION INTO STEEL STUD USE 10-16 TEK SAE GRADE 2 SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS ENGAGEMENT BEYOND STEEL STRUCTURE.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- FOR GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2700 PSI.
 - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER). MINIMUM COMPRESSIVE STRENGTH 1500 PSI.
 - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 100 MILS (0.1 IN or 12 GAUGE).

JELD-WEN, INC. **BUILDERS ALUMINUM 4200** **HORIZONTAL SLIDER WINDOW** **(NON-IMPACT)**

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2007 FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 202-94
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: ALUMINUM 6063-T6
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300-04 GLASS CHARTS. SEE SHEET 5 FOR GLAZING DETAILS.

TABLE OF CONTENTS		
SHEET	REVISION	SHEET DESCRIPTION
1	-	INSTALLATION & GENERAL NOTES
2	-	ELEVATION & ANCHOR LAYOUT
3	-	VERTICAL SECTIONS
4	-	HORIZONTAL SECTIONS
5	-	COMPONENTS, BOM, & GLAZING DETAILS
6	-	CORNER ASSEMBLIES

UNIT DIMENSIONS: 73" X 49.625" XO		
GLAZE TYPE	DESIGN PRESSURE	MISSILE IMPACT RATING
A/B	+50.0 / -50.0 PSF	NON-IMPACT
UNIT DIMENSIONS: 110" X 49.625" XOX		
GLAZE TYPE	DESIGN PRESSURE	MISSILE IMPACT RATING
A/B/C	+50.0 / -50.0 PSF	NON-IMPACT

Approved as complying with the
 Florida Building Code
 Date **07/14/2011**
 NOA# **10-6810.01**
 Miami Dade Product Control

By *[Signature]*

JELD-WEN
 WINDOWS & DOORS

JELD-WEN, Inc.
 355 CENTER COURT
 VENICE, FL 34285
 PH: (800) 869-6699

TITLE: BA 4200 HS WINDOW
 INSTALLATION &
 GENERAL NOTES

PREPARED BY: CERTWORKS, LLC
 127 W. FAIRBANKS AVE., STE. 438
 WINTER PARK, FL 32789
 PH: (407) 644-6957 FX: (407) 644-2366

REVISIONS

NO.	DESCRIPTION	BY	DATE

[Signature]
 ALEXIS SPYROLI
 FLORIDA P.E. NO. 68101
 127 W. FAIRBANKS AVE., STE. 438
 WINTER PARK, FL 32789
 FBC CERT. OF AUTHORIZATION NO. 289520

DATE: 11.09.10
 DWN BY: JLA
 CHK BY: KSD
 SCALE: NTS
 DWG #: JW008
 SHEET: 1 OF 6

TITLE: BA 4200 HS WINDOW
ELEVATION &
ANCHOR LAYOUT

PREPARED BY:
CERTWORKS, LLC
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
PH: (407) 644-6957 FX: (407) 644-2366

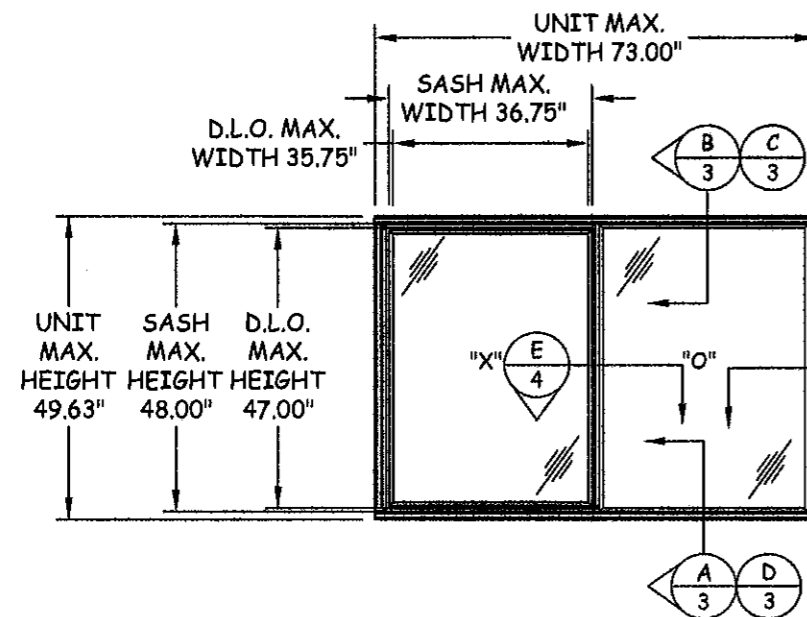
REVISIONS

NO.	DESCRIPTION	BY	DATE

[Signature]
ALEXIS SPYROLU
FLORIDA P.E. NO. 581101
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
FBI CERT. OF AUTHORIZATION NO. 28550

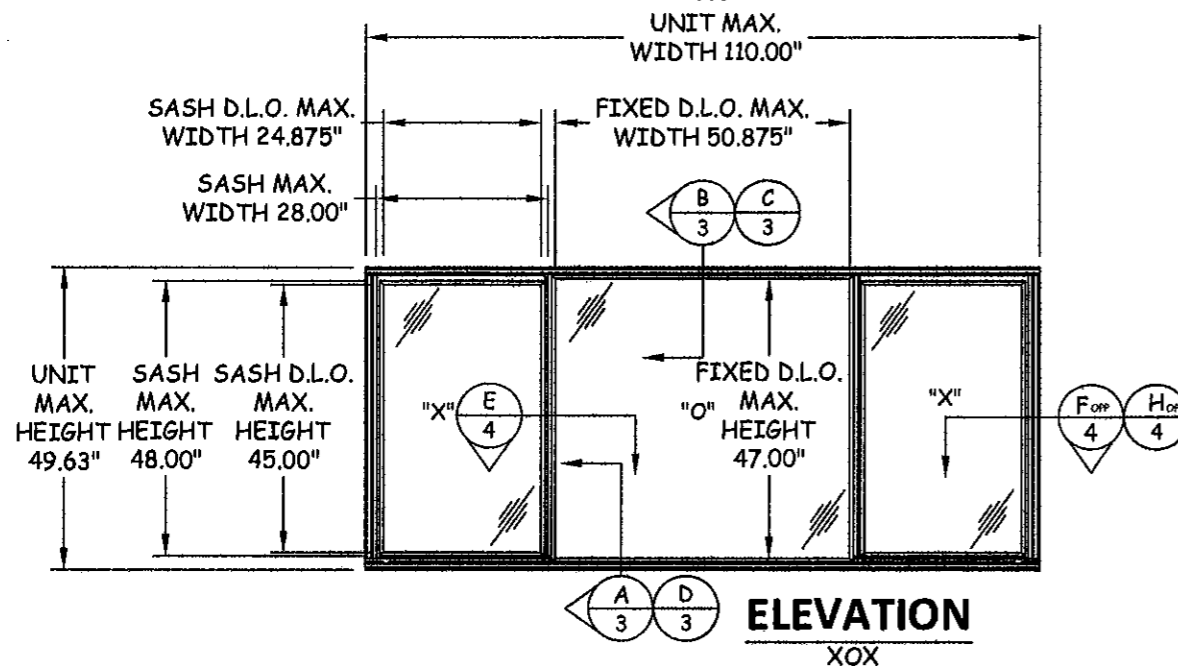
DATE: 11.09.10	DWN BY: JLA	CHK BY: KSD	SCALE: NTS
DWG #: JW008			
SHEET: 2 OF 6			

Approved as complying with the
Florida Building Code
Date: **07/14/2011**
NOA# **10-0810.01**
Miami Dade Product Control
[Signature]



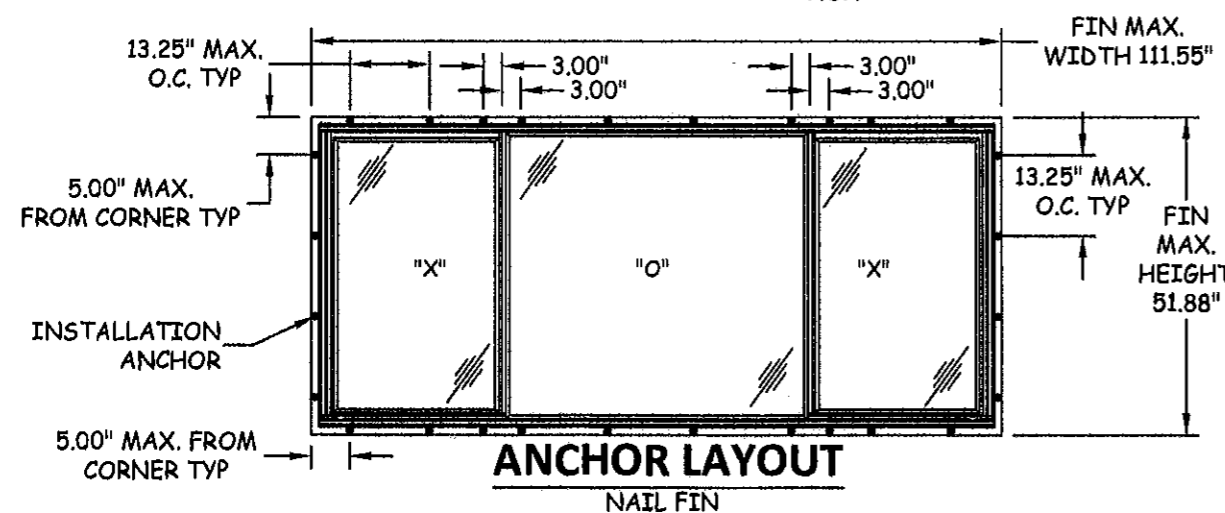
ELEVATION

XO



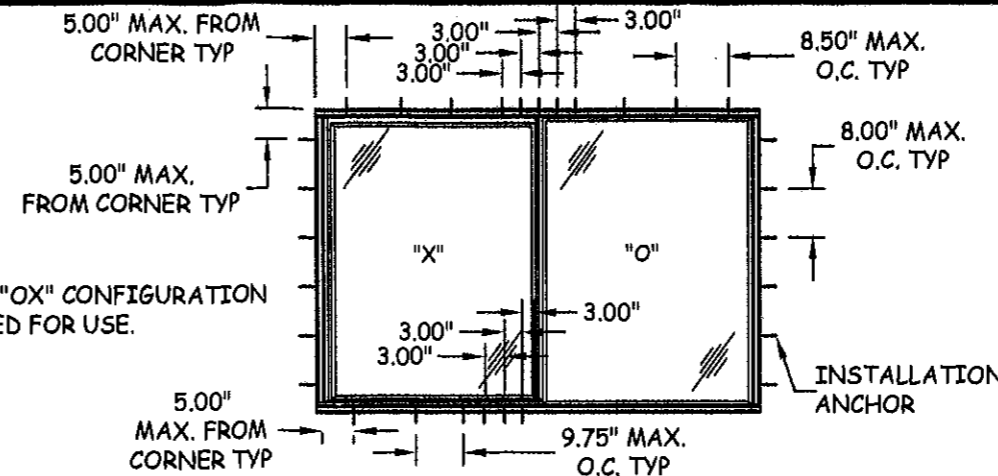
ELEVATION

XOX



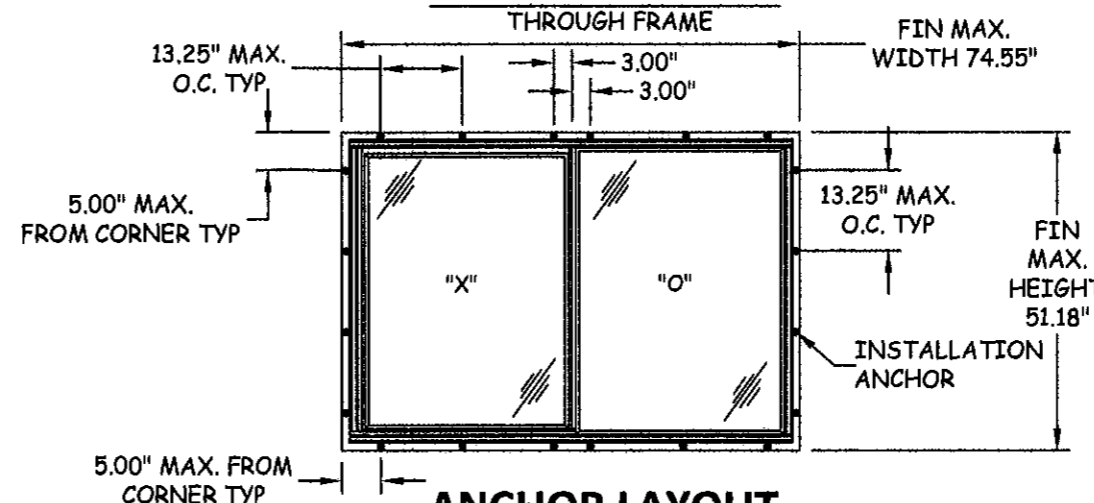
ANCHOR LAYOUT

NAIL FIN



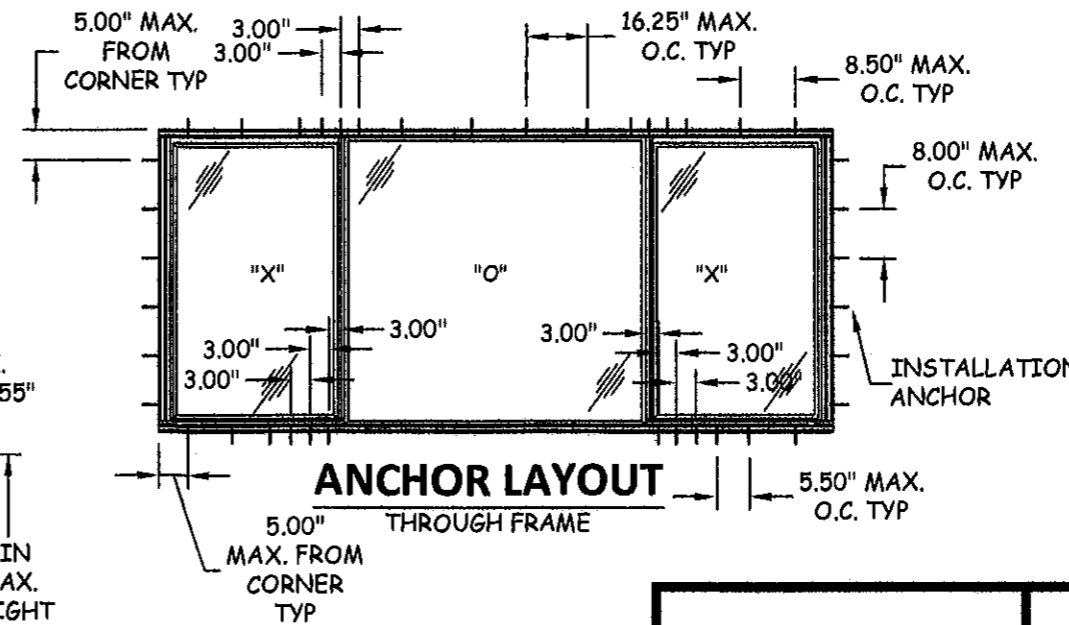
ANCHOR LAYOUT

THROUGH FRAME



ANCHOR LAYOUT

NAIL FIN



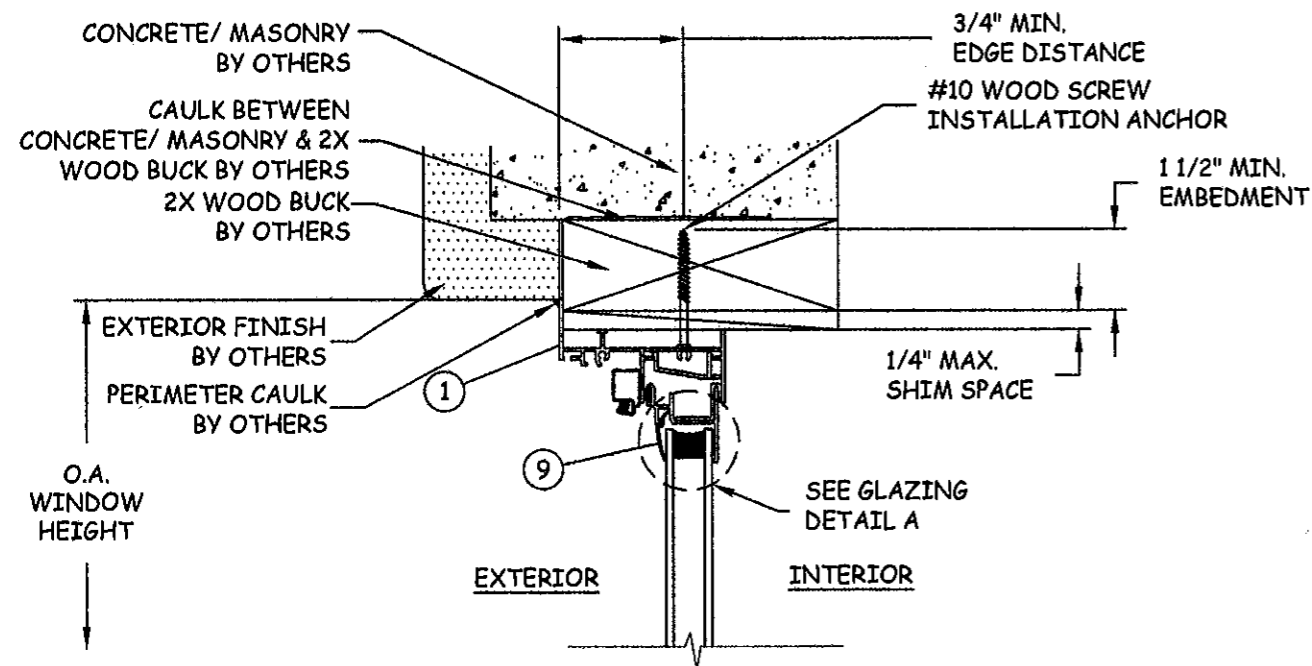
ANCHOR LAYOUT

THROUGH FRAME

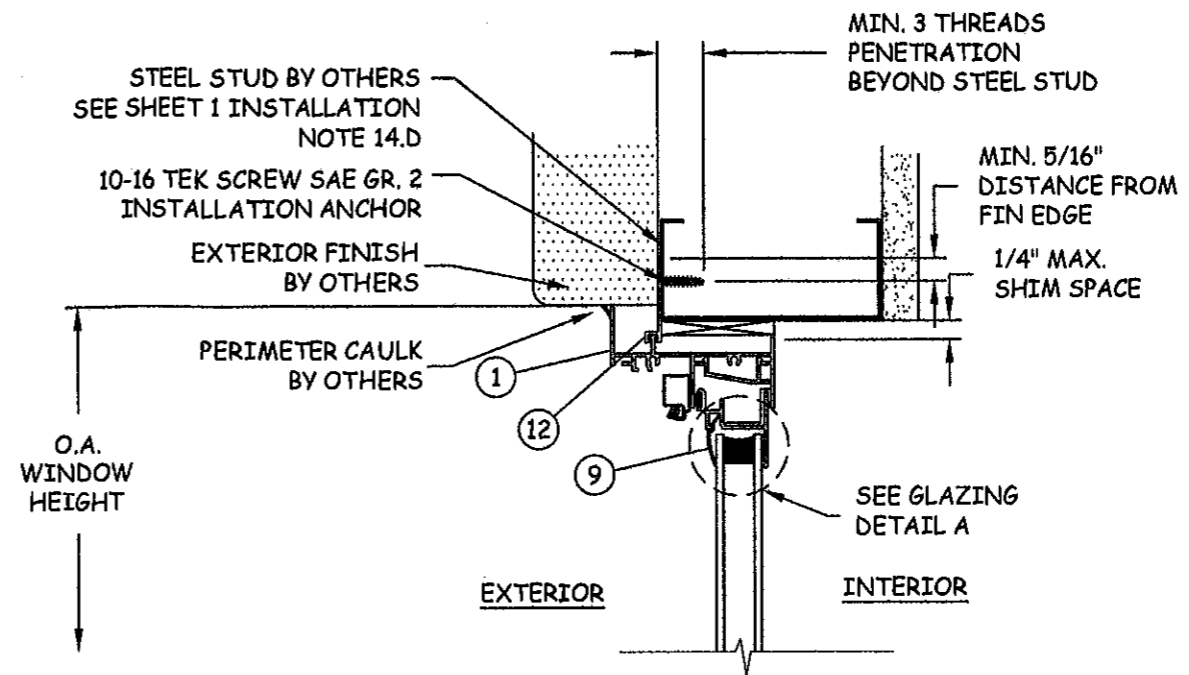
NOTE: "XO" OR "OX" CONFIGURATION
APPROVED FOR USE.

TITLE: BA 4200 HS WINDOW
VERTICAL SECTIONS

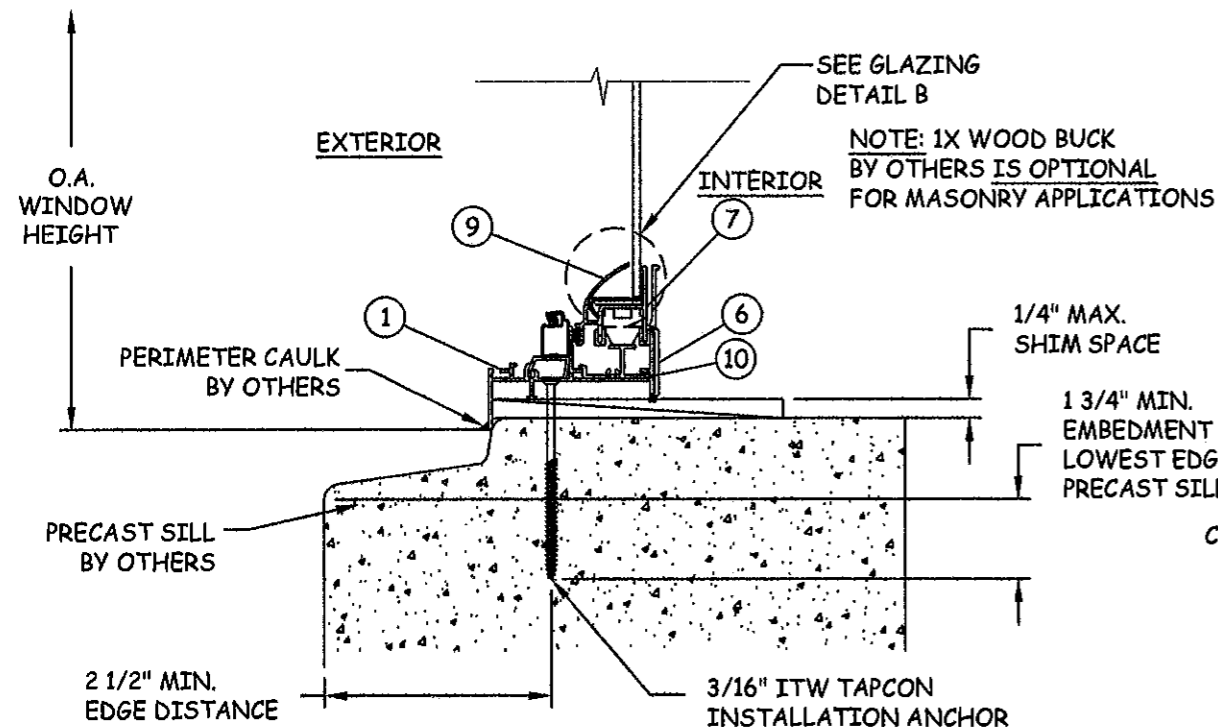
PREPARED BY: CERTWORKS, LLC
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
PH: (407) 644-6957 FX: (407) 644-2366



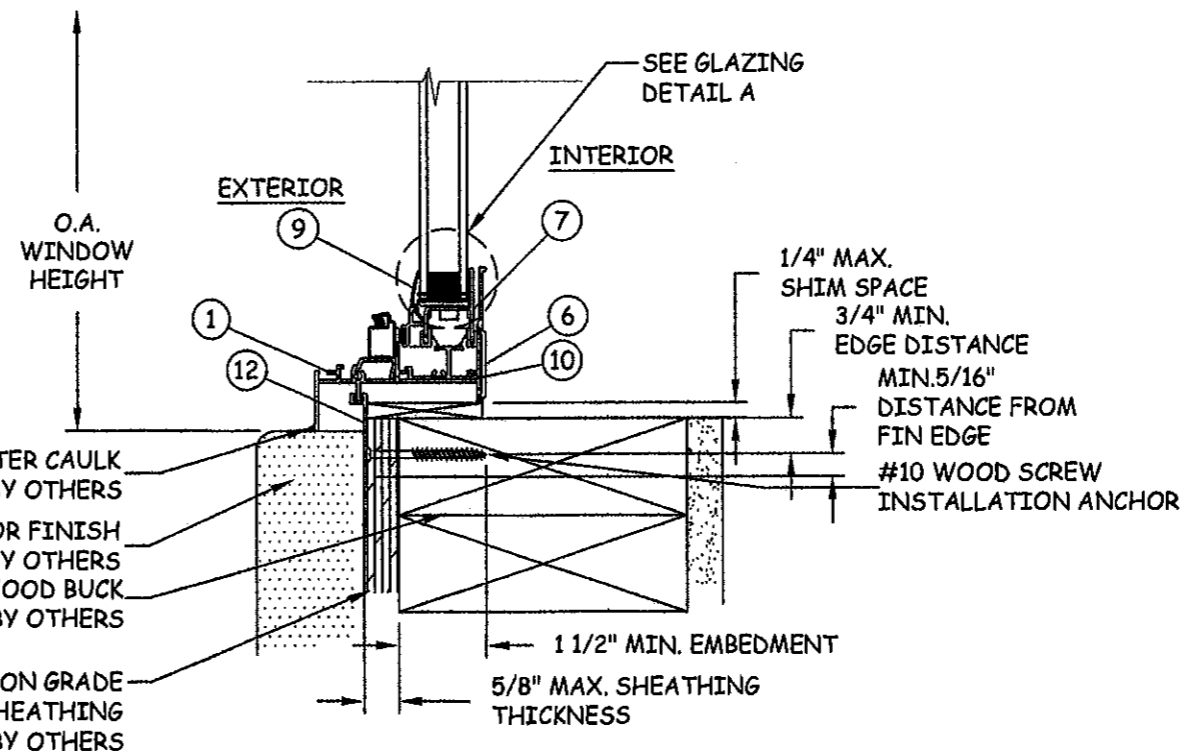
B
3 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK
THROUGH FRAME INSTALLATION



C
3 **VERTICAL SECTION**
HEAD - STEEL STUD
NAIL FIN INSTALLATION



A
3 **VERTICAL SECTION**
SILL - CONCRETE/MASONRY
THROUGH FRAME INSTALLATION



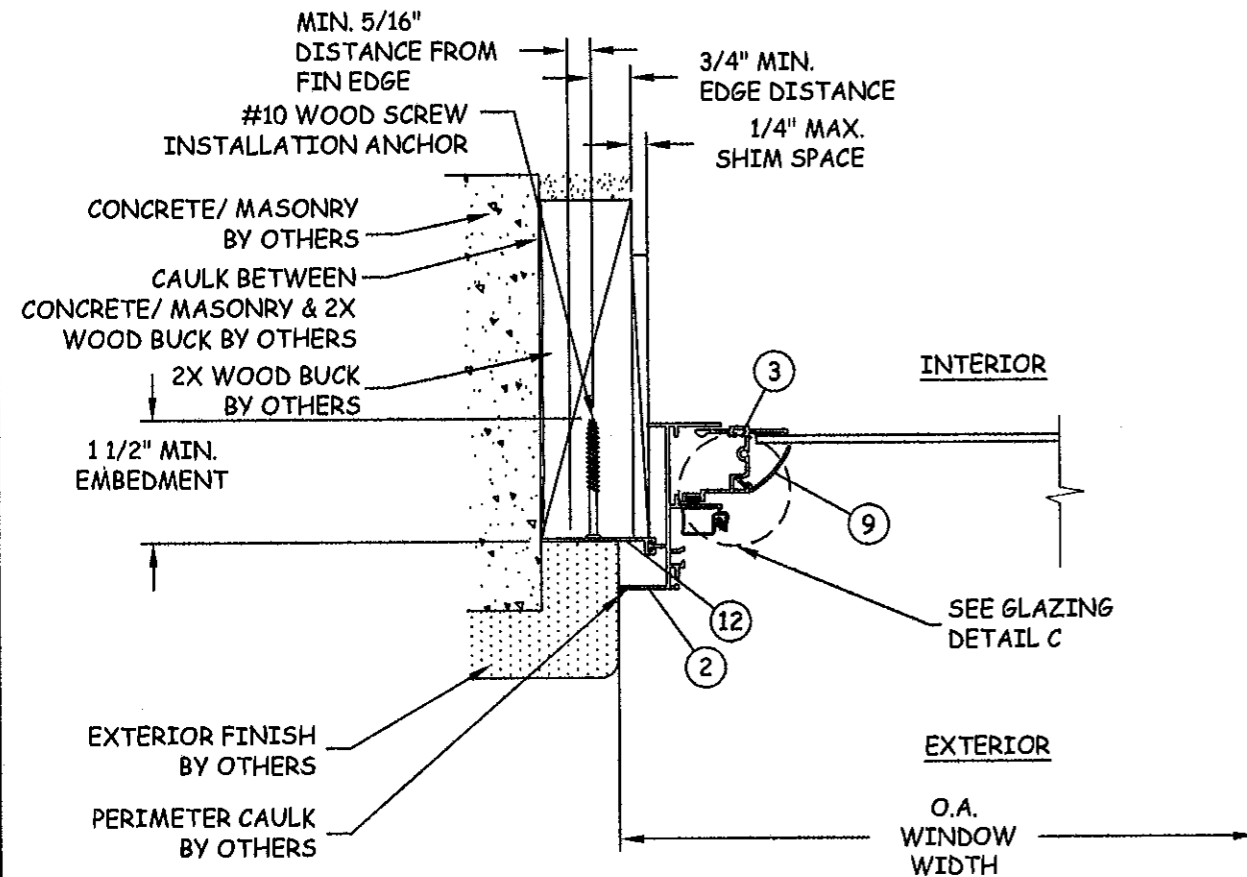
D
3 **VERTICAL SECTION**
SILL - 2X WOOD FRAME
NAIL FIN INSTALLATION

REVISIONS	NO.	DESCRIPTION	BY	DATE

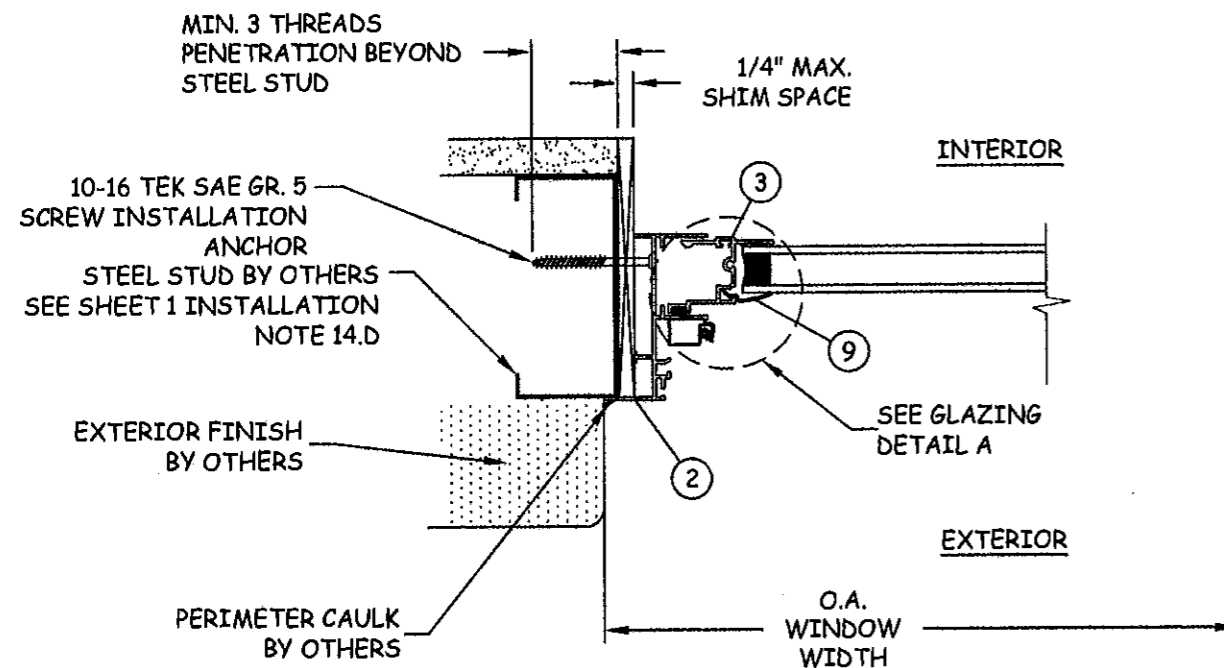
APPROVED BY: *[Signature]*
DATE: 07/14/2011
NOA#: 10-0810.01
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date: 07/14/2011
NOA#: 10-0810.01
Miami Dade Product Control
By: *[Signature]*

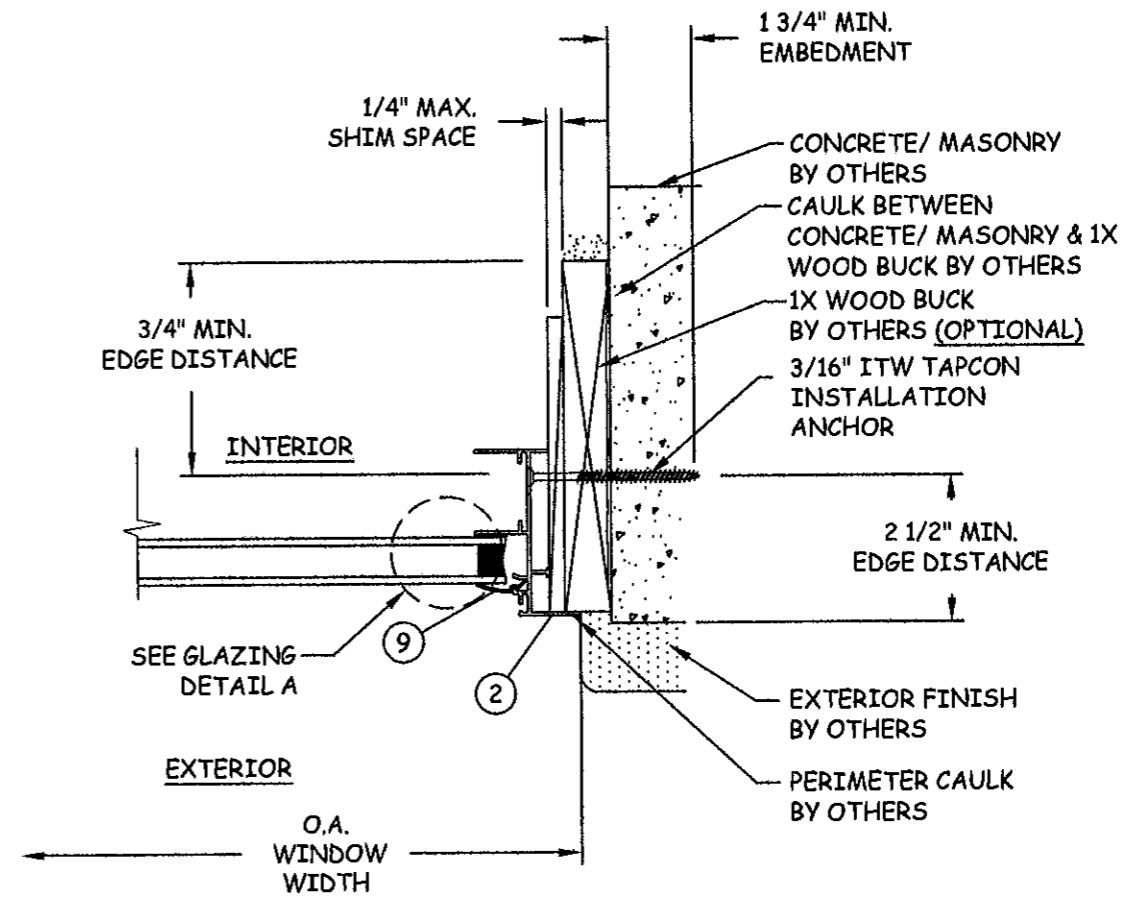
DATE: 11.09.10
DWN BY: JLA
CHK BY: KSD
SCALE: NTS
DWG #: JW008
SHEET: 3 OF 6



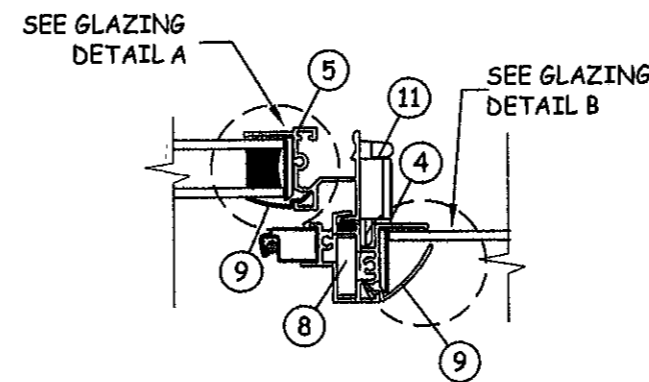
F
4 **HORIZONTAL SECTION**
JAMB - 2X WOOD BUCK
NAIL FIN INSTALLATION



H
4 **VERTICAL SECTION**
JAMB-STEEL STUD
THROUGH FRAME INSTALLATION



G
4 **HORIZONTAL SECTION**
JAMB - 1X WOOD BUCK/CONCRETE/MASONRY
THROUGH FRAME INSTALLATION



E
4 **HORIZONTAL SECTION**
INTERLOCK - DETAIL

TITLE: BA 4200 HS WINDOW
HORIZONTAL SECTIONS

PREPARED BY: CERTWORKS, LLC
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
PH: (407) 644-6957 FX: (407) 644-2366

REVISIONS

NO.	DESCRIPTION	BY	DATE

[Signature]
ALEXIS SPYROU
FLORIDA P.E. NO. 98101
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
FPE CERT. OF AUTHORIZATION NO. 26530

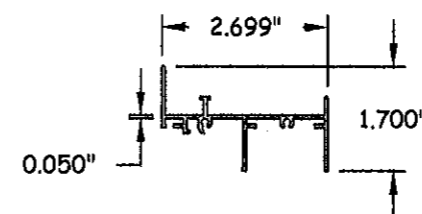
Approved as complying with the
Florida Building Code
Date: 07/14/2011
NOA# 10-0810.01
Miami Dade Product Control
By: *[Signature]*

DATE: 11.09.10
DWN BY: JLA
CHK BY: KSD
SCALE: NTS
DWG #: JW008
SHEET: 4 OF 6

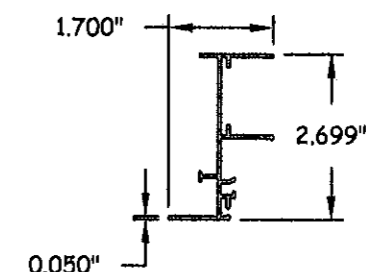
BILL OF MATERIALS

ITEM NO.	DESCRIPTION	PART NUMBER	MATERIAL	MANUFACTURER
1	FRAME HEAD & SILL	01968	AL. 6063-T6	SAPA
2	FRAME JAMB	01969	AL. 6063-T6	SAPA
3	SASH STILE	02045	AL. 6063-T6	SAPA
4	INTERLOCK	02044	AL. 6063-T6	SAPA
5	SASH LOCK STILE	02047	AL. 6063-T6	SAPA
6	SILL RISER	02407	AL. 6063-T6	SAPA
7	SASH RAIL	02049	AL. 6063-T6	SAPA
8	REINFORCEMENT	02067	C1018 STEEL	ALRO METALS
9	GLAZING BEAD	00895	VINYL	MICRON, INC.
10	SASH TRACK	48773	AL. 6063-T6	SAPA
11	SASH LOCK	04978	ZINC	VISION HARDWARE
12	SLIP-ON NAIL FIN	00591	AL. 6063-T5	SAPA
13	BUILDERS GASKET	05035	POLYETHYLENE	FRANK-LOWE
14	SEAM SEALER	00093	-	SCHNEED-MOREHEAD

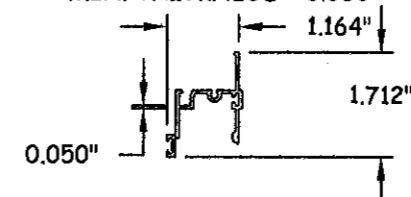
1 FRAME HEAD & SILL
ALUMINUM 6063-T6
MIN. THICKNESS = 0.050"



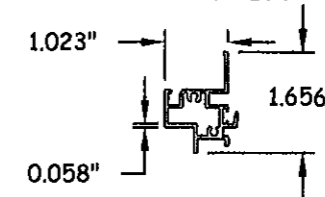
2 FRAME JAMB
ALUMINUM 6063-T6
MIN. THICKNESS = 0.050"



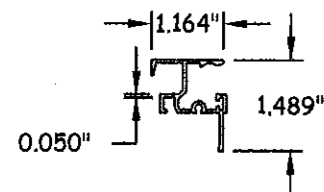
3 SASH STILE
ALUMINUM 6063-T6
MIN. THICKNESS = 0.050"



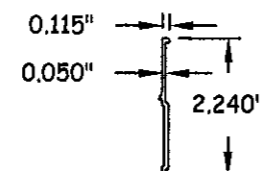
4 INTERLOCK
ALUMINUM 6063-T6
MIN. THICKNESS = 0.050"



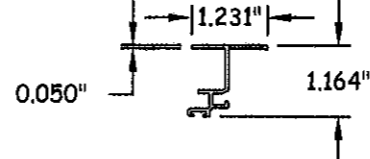
5 SASH LOCK STILE
ALUMINUM 6063-T6
MIN. THICKNESS = 0.050"



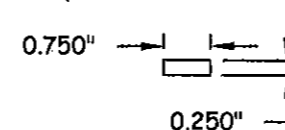
6 SILL RISER
ALUMINUM 6063-T6
MIN. THICKNESS = 0.050"



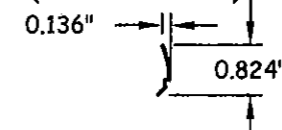
7 SASH RAIL
ALUMINUM 6063-T6
MIN. THICKNESS = 0.050"



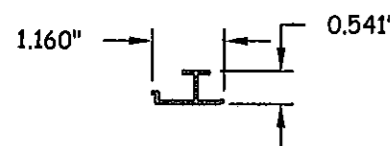
8 REINFORCEMENT
C1018 STEEL
(MIN. YIELD= 70 KSI)



9 GLAZING BEAD
VINYL
(DUROMETER=75)



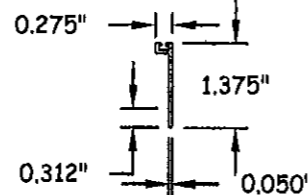
10 SASH TRACK
ALUMINUM 6063-T6
MIN. THICKNESS = 0.050"



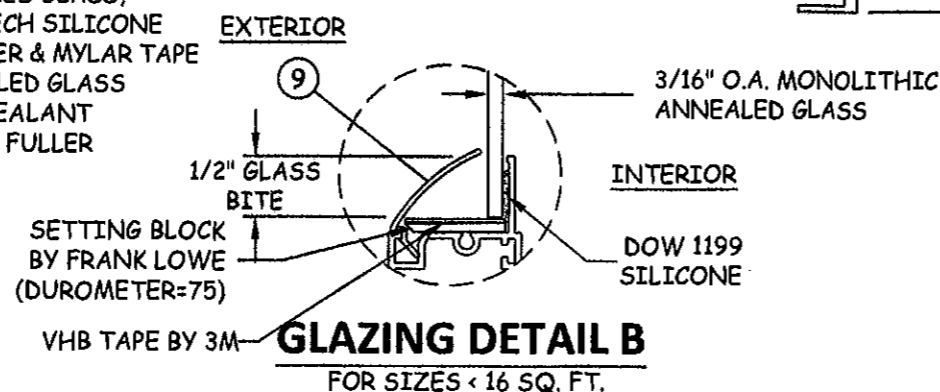
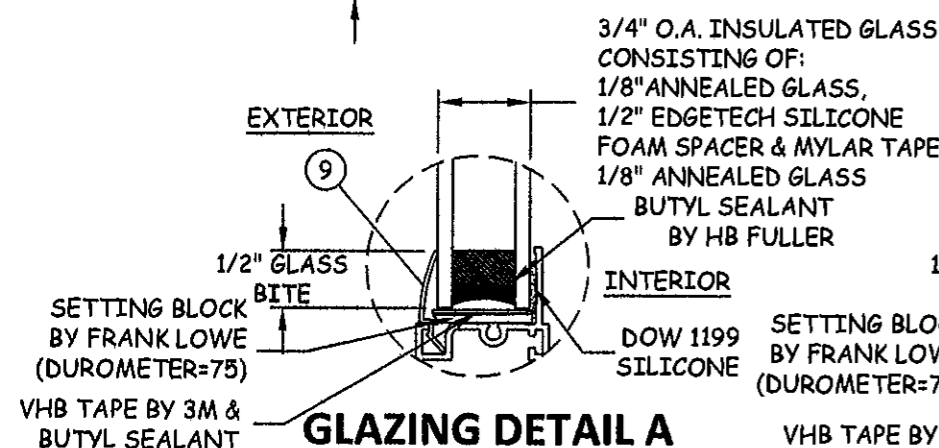
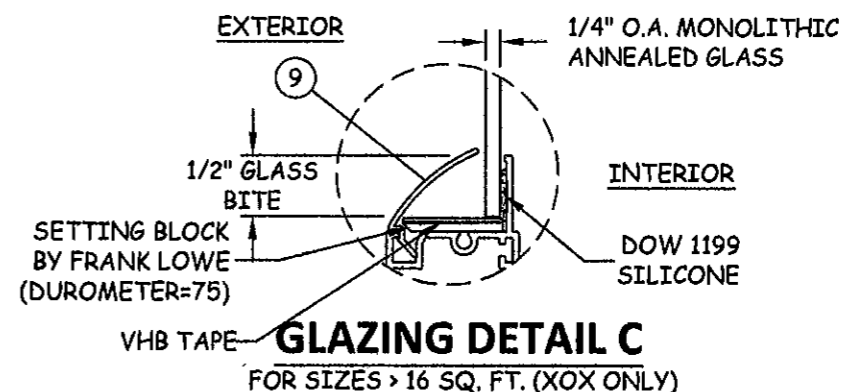
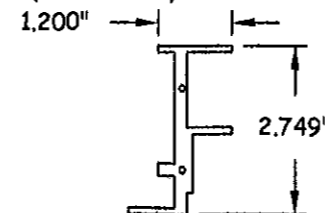
11 SASH LOCK
ZINC



12 SLIP-ON NAIL FIN
ALUMINUM 6063-T5
MIN. THICKNESS = 0.050"



13 BUILDERS GASKET
POLYETHYLENE
(1/4\"



Approved as complying with the
Florida Building Code
Date 07/14/2011
NOA# 16-0810.01
Miami Dade Product Control
By [Signature]

DATE: 11.09.10
DWN BY: JLA
CHK BY: KSD
SCALE: NTS
DWG #: JW008
SHEET: 5 OF 6

JELD-WEN
WINDOWS & DOORS

JELD-WEN, Inc.
355 CENTER COURT
VENICE, FL 34285
PH: (800) 869-6699

TITLE: BA 4200 HS WINDOW
COMPONENTS,
BOM, & GLAZING DETAILS
PREPARED BY: CERTWORKS, LLC
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
PH: (407) 644-6957 FX: (407) 644-2366

REVISIONS

NO.	DESCRIPTION	BY	DATE

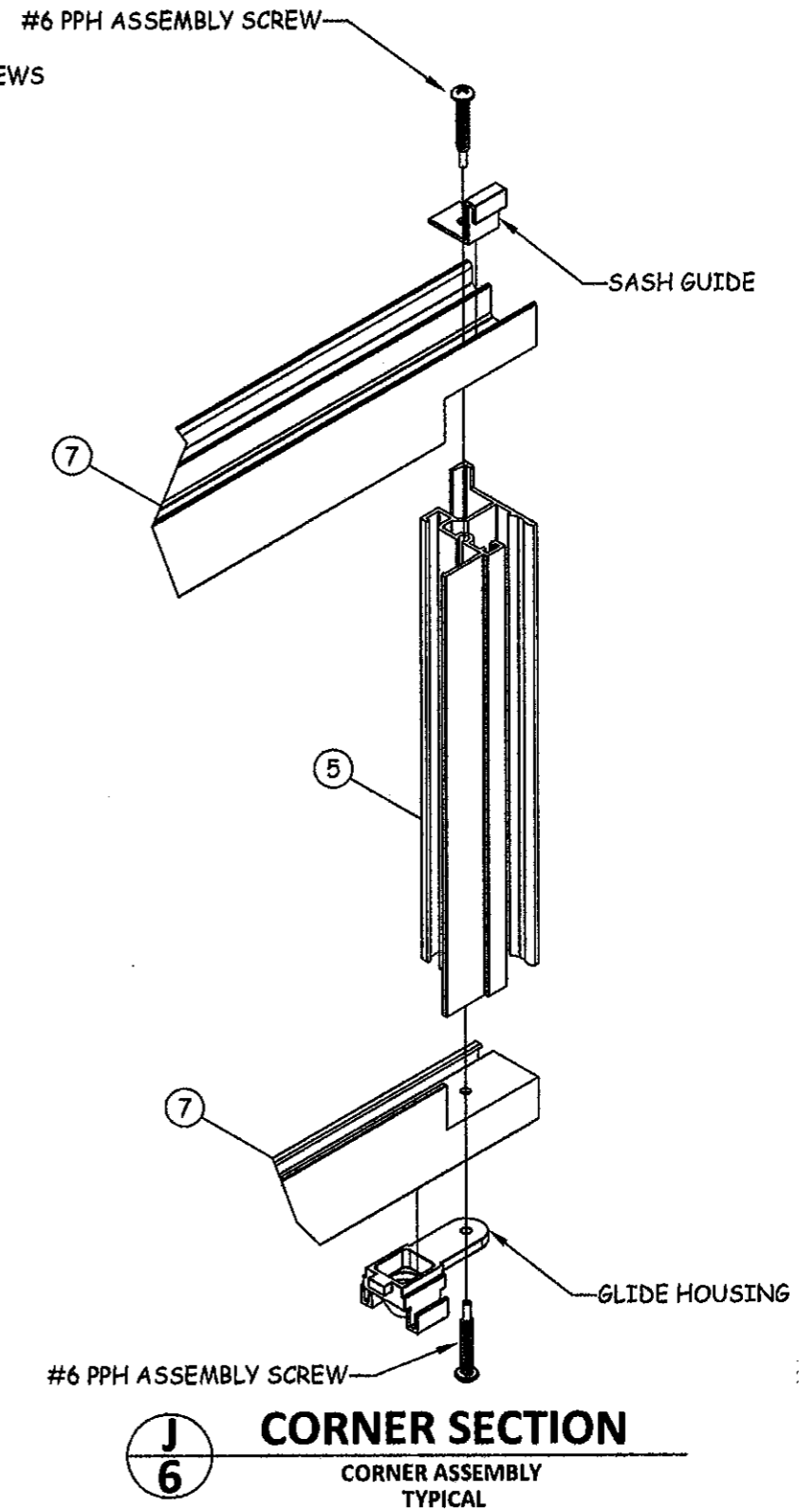
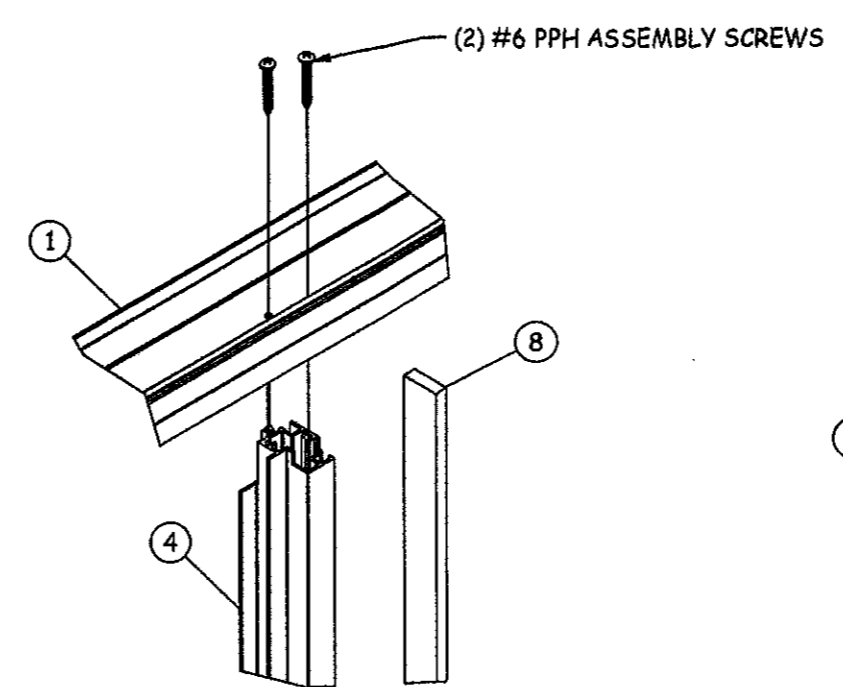
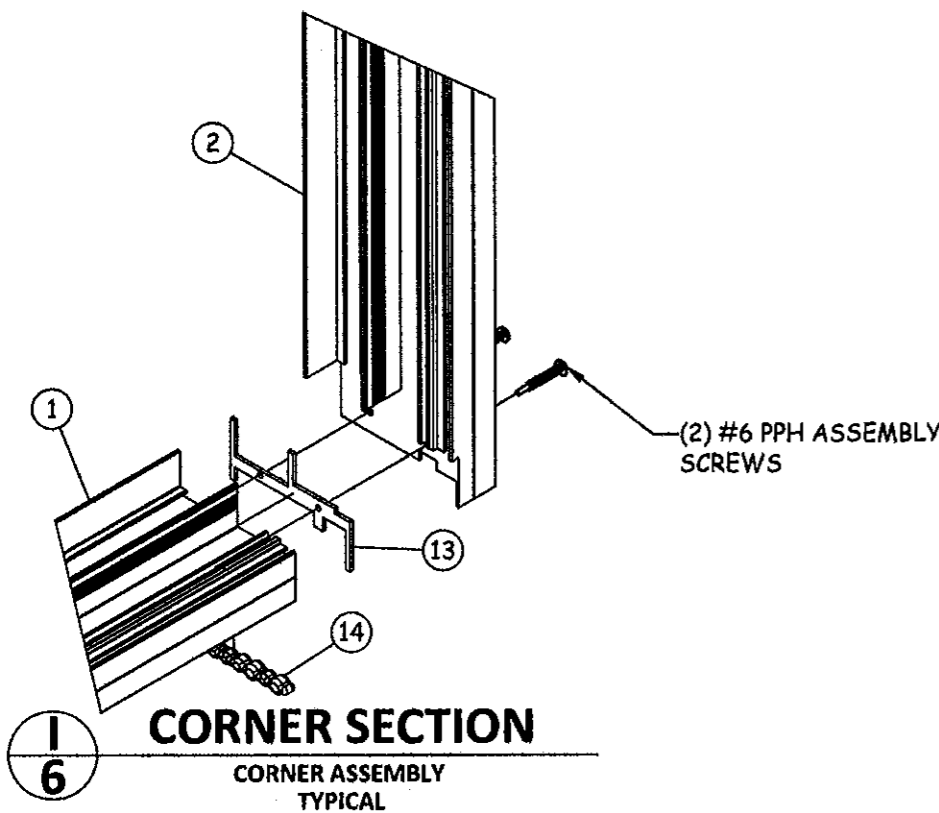
ALWAYS SPECIFY
JELD-WEN VINYL
FLORIDA BUILDING CODE
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
PERM. OF AUTHORIZATION NO. 28520

TITLE: BA 4200 HS WINDOW CORNER ASSEMBLIES
PREPARED BY: CERTWORKS, LLC
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
PH: (407) 644-6957 FX: (407) 644-2366

REVISIONS			
NO.	DESCRIPTION	BY	DATE

[Signature]
ALEXIS SPRUIELL
FLORIDA P.E. NO. 95101
127 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
FBIPE CERT. OF AUTHORIZATION NO. 28820

DATE: 11.09.10	DWN BY: JLA	CHK BY: KSD	SCALE: NTS
DWG #: JW008	SHEET: 6 OF 6		



DOW 1199 - CLEAR BY DOW CORNING

Approved as complying with the Florida Building Code
Date: 11/11/2011
NOA#: 16-0810-01
Miami Dade Product Control
By: *[Signature]*